STIC EIC 2100
Search Request Form

USPTO

Today's Date: 9/2/2004

What date would you like to use to limit the search?

Priority Date: 1/3/2001   Other:

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Serial # 09/753,992

Format for Search Results (Circle One):

(PAPER)   DISK   EMAIL

Where have you searched so far?

(USP) DWPI   EPO   JPO   ACM   IBM TDB

IEEE   INSPEC   SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One) (YES)   NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

A method of searching and updating indexes to a data structure in a multi-processing environment, comprising steps of:

    X Maintaining two indexes to the data structure, a first index for searching and a second index for updating;

    Responsive to each update of the second index, switching the indexes so that the first index becomes the second index and the updated second index becomes the first index;

    Allowing searches that are in progress using the first index, before the switching, to continue until completion after the switching, using the newly-switched second index;

    After the switching, initiating new searches using the newly switched first index;

    When all searches in second index have completed, updating the newly-switched second index in an identical manner as the update to which the switching step was responsive; and

    Preventing another operation of the switching step until completion of the step of updating the second index in the identical manner.

STIC Searcher Therese Esterfield   Phone 308-7795

Date picked up 9/2/04 10:45 am   Date Completed 9/2/04   3:30 pm

Prep & Review   97
Online   88

DIALOG $585.00
WWW   ✓